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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER U.S. APPLICATION NO. (If known, see 37 CFR 1.5) BERGPAT - 10 10/529516 |
| INTERNATIONAL APPLICATION NO. PCT/FI2003/000702 | INTERNATIONAL FILING DATE 26 September 2003 | PRIORITY DATE CLAIMED 26 September 2002 |
| TITLE OF INVENTION <p style="text-align: center;">Nozzle</p> | | |
| APPLICANT(S) FOR DO/EO/US <p style="text-align: center;">NISSINEN, Vilho and LINJAMÄKI, Mika</p> | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input checked="" type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(e)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input checked="" type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: | | |

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/529516 | | INTERNATIONAL APPLICATION NO. PCT/FI2003/000702 | | ATTORNEY'S DOCKET NUMBER BERGPAT-10 | |
| 21. The following fees are submitted: | | | | | |
| <input checked="" type="checkbox"/> a) Basic national fee..... | | | | \$300.00 | |
| <input checked="" type="checkbox"/> b) Examination fee..... | | | | \$200.00 | |
| <input checked="" type="checkbox"/> c) Search fee..... | | | | \$500.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1000.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| - 100 = | /50 = | | x \$250.00 | \$ | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | |
| Total claims | 28 - 20 = | 8 | x \$50.00 | \$400.00 | |
| Independent claims | 3 - 3 = | 0 | x \$200.00 | \$0.00 | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1,400.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | |
| SUBTOTAL = | | | | \$ | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | + | \$ |
| TOTAL NATIONAL FEE = | | | | \$ | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | + | \$ |
| TOTAL FEES ENCLOSED = | | | | \$1,400.00 | |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$ |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,400.00</u> to cover the above fees is enclosed. | | | | | |
| b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-2663</u> A duplicate copy of this sheet is enclosed. | | | | | |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: Patrick J.G. Stiennon Stiennon & Stiennon P.O. Box 1667 Madison, WI 53701-1667 USA | | | | | |
| | | | |  SIGNATURE | |
| | | | | Patrick J.G. Stiennon NAME | |
| | | | | 34934 REGISTRATION NUMBER | |

In The United States Patent And Trademark Office

Applicant: Vilho Nissinen et al.

Date: March 25, 2005

Date Filed: Simultaneously herewith

Docket No.: BERGPAT-10

PCT App. No.: PCT/FI2003/000702

For: Nozzle

EXPRESS MAIL LETTER

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Dear Sir:

"Express Mail" Mailing Label No.: EV 507 230 934 US
Date of Deposit: March 25, 2005

I hereby certify that these attached documents:

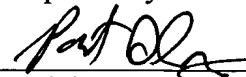
- Response postcard
- Check in the amount of \$1,400.00
- PTO-1390 Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (2 pp)(2 copies)
- PCT Cover Sheet (2 pp) and Copy of International Application (specification and claims 6 pages, drawings 1 page and search report 3 pages)
- Preliminary Amendment (8 pp)
- Submission of Substitute Specification under 37 C.F.R. § 1.125 (1 p)
- Clean Copy of Substitute Specification under 37 C.F.R. 1.125(c) (11 pp)
- Marked Up Copy of Substitute Specification under 37 C.F.R. 1.125(b)(2) (12pp)
- Information Disclosure Statement (2 pp)
- PTO/SB/08A and PTO/SB/08B with 5 attached documents

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 35 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450


Patrick J.G. Stiennon, Reg. No. 34934


Enclosed for filing please find the above-referenced documents. Please indicate receipt by returning the attached postcard with the official Patent and Trademark Office receipt and serial number stamped thereon.

Respectfully submitted,


Patrick J.G. Stiennon, Reg. No. 34934
Attorney for Applicant
Stiennon & Stiennon
612 W. Main St., Suite 201, P.O. Box 1667
Madison, Wisconsin 53701-1667
(608) 250-4870

In The United States Patent And Trademark Office

Applicant: Vilho Nissinen et al. Date: March 25, 2005
 Date Filed: Simultaneously herewith Docket No.: BERGPAT-10
 PCT App. No.: PCT/FI2003/000702
 For: Nozzle

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| <p>Certificate of Express Mailing</p> <p>I hereby certify that this document is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 35 C.F.R. §1.10 on <u>March 25, 2005</u> with Mailing Label No. <u>EV 507 230 934 US</u> and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450</p> <div style="text-align: center;">  <hr style="width: 40%; margin: 0 auto;"/> <p>Signature</p> <p><u>Patrick J. G. Stiennon, Reg. No. 34934</u></p> <p>Name of applicant, assignee or Registered Representative</p> </div> |
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Submission of Substitute Specification Under 37 C.F.R. § 1.125

Commissioner for Patents
 P.O. Box 1450, Alexandria, VA 22313-1450

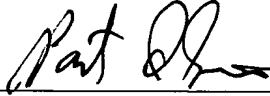
Dear Sir:

A substitute specification, excluding the claims, is filed herewith under the provisions of 37 C.F.R. § 1.125(b).

1. The substitute specification contains no new matter.
2. A marked-up copy of the substitute specification showing the matter being added to and the matter being deleted from the specification of record accompanies this paper. The matter being added is underlined and bold, and the matter being deleted is shown struck out, enclosed in brackets and bold.
3. The substitute specification is submitted in clean form without markings as to amended material.

Applicant requests that the accompanying substitute specification be entered in the application record.

Respectfully submitted,



Patrick J. G. Stiennon, Reg. No. 34934
 Attorney for Applicant
 Stiennon & Stiennon
 612 W. Main St., Suite 201, P.O. Box 1667
 Madison, Wisconsin 53701-1667
 (608) 250-4870